

Abstract

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5 An electrical machine with a rotor (10), in particular a claw pole rotor, is proposed. The rotor (10) has an exciter system of electrically excited individual poles in the rotor (10), in the form of electromagnetically excited poles (28) and counterpart poles (34). A pole gap closure (55) is placed between the poles (28) and counterpart poles (34), which alternate on the circumference of the rotor (10), and at least partly fills the open spaces. The pole gap closure (55) is characterized in that it is braced by at least one of its axial end regions (61), via projections (64), on pole roots (37; 31).

(Fig. 3)